

CLAIMS

What is claimed is:

1. A fragrance assembly for a liquid candle comprising:

5 a receptacle comprising a perimeter wall; and

a fragrant polymeric element disposed within the receptacle,

wherein a first surface of said fragrant polymeric element is in substantially continuous contact with the perimeter wall.

2. The fragrance assembly of claim 1 further comprising a

wick having an ignitable end and an absorbent end, wherein the ignitable end extends through a portion of the receptacle.

3. The fragrance assembly of claim 2 further comprising a

15 container comprising an opening, the container holding a quantity of fuel,

wherein the absorbent end is in contact with the fuel and the receptacle is coupled to the opening.

4. The fragrance assembly of claim 3, wherein the

20 receptacle further comprises at least one vent defining an air passage between the container and the surrounding atmosphere.

5. The fragrance assembly of claim 2, wherein the absorbent end comprises first and second absorbent ends, and wherein the wick further comprises a midpoint disposed between the first and second absorbent ends, and the ignitable end comprises a loop formed at the midpoint.

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6. The candle of claim 2, wherein at least a portion of the fragrant polymeric element proximate the ignitable end is positioned below the ignitable end.

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7. The fragrance assembly of claim 2, wherein the fragrant polymeric element extends circumferentially around the ignitable end.

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8. The fragrance assembly of claim 1, wherein the receptacle further comprises a second wall and the fragrant polymeric element is disposed between the second wall and the perimeter wall.

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9. The fragrance assembly of claim 8, wherein a second surface of the fragrant polymeric element is in substantially continuous contact with the second wall.

10. The fragrance assembly of claim 1, wherein the polymeric element is friction-fitted within the receptacle.

11. The fragrance assembly of claim 1, wherein the receptacle comprises a diathermic material.
12. The fragrance assembly of claim 1, wherein the fragrant 5 polymeric element comprises a polypropylene copolymer impregnated with a volatile fragrant medium.
13. The fragrance assembly of claim 1 further comprising: a diathermic cap positioned over the fragrant polymeric element; and 10 one or more vents defining an air passage between the fragrant polymeric element and the surrounding atmosphere.
14. The fragrance assembly of claim 13, wherein a third 15 surface of the fragrant polymeric element is in substantially continuous contact with the diathermic cap.
15. The fragrance assembly of claim 1 further comprising a pull-tab integrated within the fragrant polymeric element to permit removal of 20 the fragrant polymeric element from the receptacle.
16. The fragrance assembly of claim 1 further comprising a

pull-tab disposed within the receptacle beneath the fragrant polymeric element.

17. A candle comprising:

a wick having an ignitable end and an absorbent end;

5 a container holding a quantity of fuel, wherein the absorbent

end is in contact with the fuel;

a receptacle comprising at least one perimeter wall, wherein the ignitable end extends through a portion of the receptacle; and

a polymeric element impregnated with a volatile fragrant medium and disposed within the receptacle, wherein at least a first surface of the polymeric element is in substantially continuous contact with the perimeter wall.

18. The candle of claim 17, wherein the receptacle further comprises a second wall and wherein the polymeric element is disposed between the perimeter wall and the second wall.

19. The candle of claim 18, wherein a second surface of the polymeric element is in substantially continuous contact with the second wall.

20. The candle of claim 17, wherein the polymeric element is friction-fitted within the receptacle.

21. The candle of claim 17, wherein the receptacle comprises a diathermic material.
22. The candle of claim 17, wherein the polymeric element comprises a polypropylene copolymer impregnated with a volatile fragrant medium.
23. The candle of claim 17, wherein the wick further comprises a second absorbent end in contact with the fuel and a midpoint disposed between the first and second absorbent ends, and the ignitable end comprises a loop formed at the midpoint.
24. The candle of claim 17, wherein at least a portion of the polymeric element proximate the ignitable end is positioned below the ignitable end.
25. The candle of claim 17, wherein the polymeric element extends circumferentially around the ignitable end.
26. The candle of claim 17, wherein the receptacle further comprises:
a diathermic cap positioned over the polymeric element,

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wherein the diathermic cap is in substantially continuous contact with the polymeric element; and

one or more vents defining an air passage between the polymeric element and the surrounding atmosphere.

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27. The candle of claim 17, wherein the receptacle further comprises at least one vent defining an air passage between the container and the surrounding atmosphere.

10 28. The candle of claim 17 further comprising a pull-tab integrated within the polymeric element.

29. The candle of claim 17 further comprising a pull-tab disposed within the receptacle beneath the polymeric element.

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30. A fragrance candle comprising:
a wick having an ignitable end and an absorbent end;
a container holding a quantity of fuel, wherein the absorbent end of the wick is in contact with the fuel;
20 a diathermic receptacle comprising an exterior perimeter wall and an opposing interior wall, wherein the exterior perimeter wall and the interior wall form a channel, and the ignitable end extends through a portion of

the interior wall; and

a polymeric fragrance element disposed within the channel,
wherein at least one generally vertical edge surface of the polymeric fragrance
element is in contact with at least one wall of the receptacle.

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31. The fragrance candle of claim 30, wherein the
polymeric fragrance element has at least one of an inner portion in
substantially continuous contact with the interior wall and an outer portion in
substantially continuous contact with the exterior perimeter wall.

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32. The fragrance candle of claim 30, wherein the
polymeric fragrance element comprises a polypropylene copolymer.

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33. The fragrance candle of claim 30, wherein the
polymeric fragrance element is friction-fitted within the channel.

34. The fragrance assembly of claim 30 further comprising
a pull-tab integrated within the polymeric fragrance element.

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35. The fragrance assembly of claim 30 further comprising
a pull-tab disposed within the receptacle beneath the polymeric fragrance
element.

36. A method of adding a fragrance material to a liquid

candle that includes a receptacle having a perimeter wall, the method comprising:

heating a fragrant thermoplastic material; and

5 shaping the heated thermoplastic material to the dimensions of the receptacle so as to form a fragrant polymeric element in substantially continuous contact with the perimeter wall when placed in the receptacle.

37. The method of claim 36 wherein the step of heating the fragrant thermoplastic material is one of softening the thermoplastic material and melting the thermoplastic material.

10 38. The method of claim 36 wherein the step of shaping the heated thermoplastic material is one of pour molding, injection molding, compression molding, spin welding, ultrasonic welding, vibration welding, hot plate welding, extrusion, stamping and laser cutting.

15 39. The method of claim 36 further comprising:

extending a wick having an ignitable end through a portion of the receptacle,
20 wherein a portion of the fragrant polymeric element proximate the position of the ignitable end is below the position of the ignitable end.

40. The method of claim 36 further comprising coupling the receptacle to a fuel container.

41. The method of claim 36 further comprising inserting a 5 pull-tab within the heated thermoplastic material.

42. The method of claim 36 further comprising placing a pull-tab within the receptacle beneath the fragrant polymeric element.

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